

# Graduate Council Minutes

Thursday – December 21, 2023

<https://unt.curriculog.com/agenda:651/form>

Zoom mtg. ID: 857 7327 1791

**Note: Course changes and additions will not take effect until they are listed in the graduate catalog. Items marked with an asterisk (\*) must have approval by the Texas Higher Education Coordinating Board before listing in the graduate catalog. Items marked with a plus (+) must be approved by the Department of Education before being listed in the graduate catalog.**

**Graduate Council Voting Members:** *Selcuk Acar, Daniel Bubeck (absent), Ana Cleveland, Gurpreet Dhillon (absent), Mariya Gavrilova Aguilar, Michael Greig, Jennifer Lane, Maurizio Manzo (absent), John Martin (absent), Olav Richter (absent), Anto Verghese, Lawrence Williams*

## I. ANNOUNCEMENTS

### Jennifer Lane:

- Welcomed all Graduate Council members and attendees
- Thanked everyone for working together in getting all these proposals in for this month's meeting

### Victor Prybutok:

- Greeted all Graduate Council members and attendees
- Sought out 2 Graduate Council volunteers for the Toulouse Scholar Award Committee; Jennifer Lane & Ana Cleveland offered their time
- Thanked Ben Dearman for his years of service & wished him a great retirement

### Denise Baxter:

**I-1.** Failure of the CIP changes for the MA|MS in INSD, keeping separate in hope that the capstone might be separated.

### Jennifer Lane:

- Called the meeting to order

## II. MINUTES

### MOTION TO VOTE ON ITEM II-1. – UNANIMOUS APPROVAL

### UNANIMOUS APPROVAL OF ITEM II-1.

II-1. Approval of November 16, 2023, minutes

## III. CHAIR / TGS DISCUSSION ITEMS / ACTION ITEMS / INFORMATION ITEMS

## IV. REQUEST FOR NEW COURSES

### G. Brint Ryan College of Business

### Department of Information Technology & Decision Sciences

### MOTION TO VOTE ON ITEM IV-1. - UNANIMOUS APPROVAL

**UNANIMOUS APPROVAL OF ITEM IV-1.**

**IV-1. BCIS 5530 - Ethics in Business and Information Technology**

**Description:** Introduction to ethical issues in the use and development of information technologies in business, with a focus on their consequences for individuals, business decision-making, and society. Prepare students to anticipate and identify ethical issues and apply ethical reasoning. Through class discussions, case studies and exercises, explores the ethical concepts that include privacy, security, and surveillance in modern technology.

**College of Information**

**Department of Information Science**

**MOTION TO VOTE ON ITEM IV-2. - UNANIMOUS APPROVAL**

**UNANIMOUS APPROVAL OF ITEM IV-2.**

**IV-2. DTSC 5777 - Virtual Reality and Its Applications** (requested exception yr.: 2024-25; rationale: recent review of MS in Data Science and MSIS with concentration in Data Science)

**Description:** Introduction to Virtual Reality (VR) hardware and software, with an opportunity to apply this knowledge to applications including information science, libraries/digital libraries, education, healthcare, visualization, and games. Applies cutting-edge VR technology currently available in academia and industry. Topics include input devices, output devices, computer graphics principles for VR, geometric modeling principles for VR, human factors in VR, data visualization in VR, and traditional and emerging applications in VR. Learn the value of visualization and how to best leverage visualization methods in VR. Design, model, and program the VR environment by developing a complete VR application as a group project.

**V. REQUEST FOR ADD NEW OR DELETE EXISTING MAJOR/PROFESSIONAL FIELD, CONCENTRATION, OPTION, MINOR, CERTIFICATE (excluding GACs), OR SPECIALIZATION**

**G. Brint Ryan College of Business**

**Department of Information Technology & Decision Sciences**

**MOTION TO VOTE ON ITEM V-1. - UNANIMOUS APPROVAL**

**UNANIMOUS APPROVAL OF ITEM V-1.**

**V-1. MBA Business Analytics** (add; requested exception yr.: 2024-25)

**Justification:** Classes offered in the MBA BUAN are already being offered 100% online. The online subplan will help RCoB and ITDS track 100% of online students.

**College of Engineering**

**Department of Mechanical Engineering**

**MOTION TO VOTE ON ITEMS V-2. THROUGH V-5. AS A GROUP UNANIMOUS APPROVAL**

**UNANIMOUS APPROVAL OF ITEMS V-2. THROUGH V-5.**

**V-2. Engineering Technology (non-thesis integrative course option), MS** (delete)

**Justification:** The current Master of Science in Engineering Management (EMGT) program overlaps nearly completely with Master of Science in Engineering Technology (ETEC), and the EMGT program provides a

better job market to graduates. Due to the redundancy and market need of the Engineering Management MS, the Engineering Technology MS program is no longer needed.

All needed courses will continue to be offered indefinitely since the courses are needed for the active Engineering Management MS program. We will be able to teach the remaining students until all have completed the requirements for the ETEC MS.

**V-3. Engineering Technology (non-thesis project option), MS (delete)**

**Justification:** The current Master of Science in Engineering Management (EMGT) program overlaps nearly completely with Master of Science in Engineering Technology (ETEC), and the EMGT program provides a better job market to graduates. Due to the redundancy and market need of the Engineering Management MS, the Engineering Technology MS program is no longer needed.

All needed courses will continue to be offered indefinitely since the courses are needed for the active Engineering Management MS program. We will be able to teach the remaining students until all have completed the requirements for the ETEC MS.

**V-4. Engineering Technology (thesis), MS (delete)**

**Justification:** The current Master of Science in Engineering Management (EMGT) program overlaps nearly completely with Master of Science in Engineering Technology (ETEC), and the EMGT program provides a better job market to graduates. Due to the redundancy and market need of the Engineering Management MS, the Engineering Technology MS program is no longer needed.

All needed courses will continue to be offered indefinitely since the courses are needed for the active Engineering Management MS program. We will be able to teach the remaining students until all have completed the requirements for the ETEC MS.

**V-5. Engineering Technology, MS/Operations and Supply Chain Management, MBA (delete)**

**Justification:** This program never fully launched and additionally is not being supported by RCOB and is not included in the RCOB program offerings in the catalog.

**VI. REQUEST FOR ALL GRADUATE ACADEMIC CERTIFICATES**

**College of Liberal Arts & Social Sciences**

**Department of History**

**MOTION TO VOTE ON ITEM VI-1. UNANIMOUS APPROVAL**

**UNANIMOUS APPROVAL OF ITEM VI-1.**

**VI-1. Graduate Academic Certificate in Advanced Humanities Pedagogy (Add)**

**Justification:** Following departmental conversations regarding the employability of our PhD graduates we determined that documenting both teaching experience and pedagogical instruction were vital for student success on the job market for university-level educators. This certificate program is intended to supplement the robust pedagogical training our students already receive by coordinating a list of pre-existing courses into a certificate that can be used to document our students' preparations for full-time work as college educators.

**VII. REQUEST FOR NEW GRADUATE TRACK PATHWAYS**

**VIII. REQUEST FOR CHANGE IN PROGRAM, MAJOR, MINOR, DEGREE, OPTION, CONCENTRATION OR REQUIREMENTS**

**G. Brint Ryan College of Business**

**MOTION TO VOTE ON ITEMS VIII-1. THROUGH VIII-4. AS A BLOCK – UNANIMOUS APPROVAL**

**UNANIMOUS APPROVAL OF ITEMS VIII-1. THROUGH VIII-4.**

**VIII-1. MBA in Business Administration** (other: Clarification of Local Concentration Courses; requested exception yr.: 2024-25)

**Justification:**

- 2015: MBA in Business Administration with a local concentration in Marketing Analytics approved.
- 2016: MBA in Business Administration with a local concentration of "Professional MBA in Marketing Analytics" was approved. The intent of the program was to be delivered at UNT Frisco.
- 2018: AOP program in Marketing, Marketing Analytics, Supply Chain Management and Supply Chain Analytics were approved.
- 2018-2020: Changed the MBA in Business Administration core curriculum from 18 hours to 24 hours. This effectively reduced the concentration for the MBA to 12 hours. Effective Fall 2020.
- 2020: Curriculog item moved forward to update local concentration list, noting concentrations that were no longer being used and could be inactivated. In the item it was noted that the AOP version of Marketing and Marketing Analytics and effectively orphaned the original version of Marketing Analytics and the Professional MBA in Marketing Analytics. The effect was the same for the local concentration in Logistic and Supply Chain Management. The curriculog items intention was to clean up items that were no longer active on the UNT inventory under the G. Bring Ryan College of Business.

**Department of Logistics & Operations Management**

**VIII-2. Business with a concentration in Supply Chain Management, PhD** (change in concentration title; requested exception yr.: 2024-25)

**Justification:** The title change from Logistics Systems to Supply Chain Management was approved by the DPC on 10/24/23.

"Changing the name of the doctoral degree will be consistent with the recent undergraduate degree name change. Additionally, the term "Supply Chain Management", rather than "Logistics Systems", is more clearly understood in the market which should help our graduates with placement. Our benchmarking of peer and aspirant institutions showed nearly universal use of the title "Supply Chain Management."

**Department of Information Technology & Decision Sciences**

**VIII-3. Information Systems and Technologies, MS** (change in requirements; no change in hours; requested exception yr.: 2024-25)

**Justification:** Adding variety of supporting courses in the MS Information Systems & Technologies

**VIII-4. MBA Business Analytics** (change in requirements; no change in hours; requested exception yr.: 2024-25)

**Justification:** Consolidating required and supporting sections to one single track section.

**College of Engineering**

**MOTION TO VOTE ON ITEMS VIII-5. AND VIII-6. AS A BLOCK – UNANIMOUS APPROVAL**

**UNANIMOUS APPROVAL OF ITEMS VIII-5. AND VIII-6.**

**Department of Biomedical Engineering**

**VIII-5. Biomedical Engineering, MS** (change in requirements; no change in hours)

**Justification:** Adding a minor in Advanced Data Analytics for our MS students. This gives an additional option to BMEN MS students to enable them to pursue career options in Biomedical Data Analytics.

### **Department of Materials Science & Engineering**

VIII-6. **Materials Science and Engineering, MS** (change in other; clarifying prefixes for electives)

**Justification:** We are clarifying prefixes for elective courses to add clarity to the students. The previous version was not specific about which course prefixes would be allowed as students tried to find electives.

### **College of Information**

#### **Department of Information Science**

**MOTION TO VOTE ON ITEMS VIII-7. AND VIII-8. AS A BLOCK – UNANIMOUS APPROVAL**

**UNANIMOUS APPROVAL OF ITEMS VIII-7. AND VIII-8.**

VIII-7. **Information Science with a concentration in Archival Studies, MS** (change in requirements; no change in hours; requested exception yr.: 2024-25; rationale: new program director just completed the full program review.)

**Justification:** Changes to the guided and general electives lists are needed to ensure that our Archival Studies concentrations students are aware of the courses that are most applicable to the archival profession. Courses like Rare Books and Special Collections were not previously included in the lists despite the fact that these courses are directly related to and discuss the issues faced by archivists in the profession.

VIII-8. **Library Science with a concentration in Archival Studies, MS** (change in requirements; no change in hours; requested exception yr.: 2024-25; rationale: new program director just completed the full concentration review.)

**Justification:** Changes to the guided and general electives lists are needed to ensure that our Archival Studies concentrations students are aware of the courses that are most applicable to the archival profession. Courses like Rare Books and Special Collections were not previously included in the lists despite the fact that these courses are directly related to and discuss the issues faced by archivists in the profession.

#### **A. In Grad Track**

### **IX. REQUEST FOR DUAL OR JOINT DEGREE PROGRAMS**

#### **X. CONSENT CALENDAR**

##### **A. Course Changes**

**MOTION TO VOTE ON ITEMS X-1. AND X-2. AS A BLOCK – UNANIMOUS APPROVAL**

**UNANIMOUS APPROVAL OF ITEMS X-1. AND X-2.**

### **College of Visual Arts & Design**

X-1. **ART 5450 - Professional Internship**

**Prerequisite(s):** ~~12 hours and approval of instructor.~~ > 12 hours of credit in CVAD courses and consent of instructor.

### **College of Science**

**Department of Biological Sciences**

**X-2. BIOL 5810 - Bioinformatics Algorithms**

**Course Title:** *Biocomputing* > Bioinformatics Algorithms

**Short Course Title:** *BIOCOMPUTING* > BIOINFO ALG

**Description:** *Introduction to computational problems inspired by the life sciences and overview of available tools. Methods to compute sequence alignments, regulatory motifs, phylogenetic trees and restriction maps.* > Introduction to computational problems inspired by the life sciences and overview of the algorithms behind the bioinformatics tools. Exposure to fundamental algorithmic concepts underlying sequence data in computational molecular biology. Formulate biological problems as computational problems and implement algorithms to solve these problems efficiently. Topics include methods to compute sequence alignments (dynamic programming algorithm), motif finding (randomized algorithms), DNA sequence assembly (graph algorithms), protein sequencing data analysis (brute force algorithms), and sequence data analysis (suffix trees and hidden Markov models).

**B. Course Deletions**

**C. Information Item-THECB Delete**

**NO NEW BUSINESS  
REQUEST TO ADJOURN MEETING - UNANIMOUS APPROVAL**